This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (canceled)

1 Claim 2 (currently amended): A machine-implemented method
2 for processing a document, the machine-implemented method
3 comprising:
4   a) segmenting, with a machine, the document into
5   components; and
6   b) for each of the components,
7   i) analyzing anchors of the component,
8   ii) analyzing non-anchor text of the component,
9   and
10   iii) re-authoring the component, wherein the act
11   of re-authoring the component is controlled using
12   the analysis of the anchors and the
13   non-anchor-text of the component,
14 ~~The machine-implemented method of claim 1~~ wherein the act
15 of re-authoring the component is controlled based on a
16 number of anchors in the component and a number of
17 non-anchor words in the component.

1 Claim 3 (currently amended): The machine-implemented
2 method of claim 2 ~~1~~ wherein
3   i) the act of analyzing anchors of the component
4   includes determining, with the machine, a number
5   of anchors in the component,
6   ii) the act of analyzing non-anchor-text of the
7   component includes determining, with the machine,
8   a number of non-anchor words in the component,
9   and

10   iii)   if the number of anchors is greater than a

11   predetermined threshold and if the number of

12   anchors is greater than the number of non-anchor

13   words, then controlling the act of re-authoring

14   the component to apply a special reformatting.

1   Claim 4 (currently amended):   The machine-implemented

2   method of claim 2 ~~1~~ wherein the acts of re-authoring the

3   components of the document effectively reformat the

4   document from a format for effectively rendering the

5   document on a display of a first size to a format for

6   effectively rendering the document on a smaller display.

1   Claim 5 (previously presented):   The machine-implemented

2   method of claim 3 wherein the predetermined threshold is

3   three.

1   Claim 6 (currently amended):   The machine-implemented

2   method of claim 2 ~~1~~ wherein

3   i)   the act of analyzing anchors of the component

4   includes determining, with the machine, a first

5   count to be a number of anchors in the component,

6   ii)   the act of analyzing non-anchor-text of the

7   component includes determining, with the machine,

8   a second count to be a number of non-anchor words

9   in the component, and incrementing, with the

10   machine, the second count by the number of words

11   in an anchor having more words than a

12   predetermined threshold to determine a non-anchor

13   word count, and

14   iv)   if the first count is greater than a second

15   predetermined threshold and if the first count is

3

16   greater than the non-anchor word count, then
17   controlling the act of re-authoring the component
18   to apply a special reformatting.

Claim 7 (canceled)

1   Claim 8 (previously presented): The machine-implemented
2   method of claim 6 wherein the predetermined threshold is
3   four.

1   Claim 9 (currently amended): The machine-implemented
2   method of claim 2 1 wherein the act of segmenting the
3   document into components includes generating, with the
4   machine, a parse tree based on the document, wherein a
5   first node corresponding to a first component is a child of
6   a second node of a second component if the first component
7   is included in the second component.

1   Claim 10 (previously presented): The machine-implemented
2   method of claim 9 wherein the act of re-authoring the
3   component is controlled using (i) a number of anchors in a
4   node corresponding to the component and all descendant
5   nodes of the node, and (ii) a number of non-anchor words in
6   the node corresponding to the component and all the
7   descendant nodes of the node.

1   Claim 11 (previously presented): The machine-implemented
2   method of claim 9 wherein
3   i)   the act of analyzing anchors of the component
4   includes determining, with the machine, a number
5   of anchors in a node corresponding to the
6   component and all descendant nodes of the node,

4

7	ii) the act of analyzing non-anchor-text of the
8	component includes determining, with the machine,
9	a number of non-anchor words in the node
10	corresponding to the component and all the
11	descendant nodes of the node, and
12	iii) if the number of anchors is greater than a
13	predetermined threshold and if the number of
14	anchors is greater than the number of non-anchor
15	words, then controlling the act of re-authoring
16	the component to apply a special reformatting.

Claim 12 (canceled)

1	Claim 13 (previously presented): The machine-implemented
2	method of claim 11 wherein the predetermined threshold is
3	three.

1	Claim 14 (previously presented): The machine-implemented
2	method of claim 9 wherein
3	i) the act of analyzing anchors of the component
4	includes determining, with the machine, a first
5	count to be a number of anchors in a node
6	corresponding to the component and all descendant
7	nodes of the node,
8	ii) the act of analyzing non-anchor-text of the
9	component includes determining, with the machine,
10	a second count to be a number of non-anchor words
11	in a node corresponding to the component and all
12	descendant nodes of the node,
13	iii) incrementing, with the machine, the second
14	count by the number of words in an anchor having

15   more words than a predetermined threshold to

16   determine a non-anchor word count, and

17   iv)   if the first count is greater than a second

18   predetermined threshold and if the first count is

19   greater than the non-anchor word count, then

20   controlling the act of re-authoring the component

21   to apply a special reformatting.

Claim 15 (canceled)

1 Claim 16 (currently amended):   A machine-implemented method

2 for processing a document, the method comprising:

3   a)   segmenting, with the machine, the document into

4   components;

5   b)   for each of the components, determining, with the

6   machine, whether or not the component is a navigation

7   bar; and

8   c)   for each of the components that is determined to

9   be a navigation bar,

10   i)   classifying, with the machine, the navigation

11   bar as one of (A) a navigation bar of a first

12   type, and (B) a navigation bar of a second type,

13   and

14   ii)   re-authoring the navigation bar, wherein the

15   re-authoring of the navigation bar is controlled

16   based on whether the navigation bar was

17   classified as a navigation bar of a first type or

18   a navigation bar of a second type,

19 ~~The machine-implemented method of claim 15~~ wherein the act

20 of determining, for each of the components, whether or not

21 the component is a navigation bar is based on a number of

22 anchors in the component and a number of non-anchor words
23 in the component.

1 Claim 17 (currently amended): The machine-implemented
2 method of claim 16 ~~15~~ wherein the act of determining
3 whether or not the component is a navigation bar includes
4   i) determining, with the machine, a number of
5   anchors in the component,
6   ii) determining, with the machine, a number of
7   non-anchor words in the component, and
8   iii) if the number of anchors is greater than a
9   predetermined threshold and if the number of
10   anchors is greater than the number of non-anchor
11   words, then determining, with the machine, that
12   the component is a navigation bar.

1 Claim 18 (currently amended): A machine-implemented method
2 for processing a document, the method comprising:
3   a) segmenting, with the machine, the document into
4 components;
5   b) for each of the components, determining, with the
6 machine, whether or not the component is a navigation
7 bar; and
8   c) for each of the components that is determined to
9 be a navigation bar,
10   i) determining, with the machine, whether or not
11   the navigation bar is disqualified from being
12   classified as an objectionable navigation bar,
13   and
14   ii) re-authoring the navigation bar, wherein the
15   re-authoring of the navigation bar is controlled
16   using the determination of whether or not the

17   <u>navigation bar is disqualified from being</u>

18   <u>classified as an objectionable navigation bar,</u>

19 ~~The machine-implemented method of claim 15~~ wherein the act,

20 for each of the components that is determined to be a

21 navigation bar, of determining whether or not the

22 navigation bar is disqualified from being classified as an

23 objectionable navigation bar includes determining, with the

24 machine, whether a disqualification condition, selected

25 from a group of disqualification conditions consisting of

26 (a) if the component has less than a predetermined number

27 of anchors, (b) if the component has more than a

28 predetermined percentage of words of the document, and (c)

29 if the component is an element of a disqualified component

30 and that disqualified component has only navigation bar

31 elements, exists.

1 Claim 19 (previously presented): The machine-implemented

2 method of claim 16 wherein the act, for each of the

3 components that is determined to be a navigation bar, of

4 determining whether or not the navigation bar is

5 disqualified from being classified as an objectionable

6 navigation bar includes determining, with the machine,

7 whether a disqualification condition, selected from a group

8 of disqualification conditions consisting of (a) if the

9 component has less than a predetermined number of anchors,

10 (b) if the component has more than a predetermined

11 percentage of words of the document, and (c) if the

12 component is an element of a disqualified component and

13 that disqualified component has only navigation bar

14 elements, exists.

Claim 20 (previously presented):   The machine-implemented method of claim 17 wherein the act, for each of the components that is determined to be a navigation bar, of determining whether or not the navigation bar is disqualified from being classified as an objectionable navigation bar includes determining, with the machine, whether a disqualification condition, selected from a group of disqualification conditions consisting of (a) if the component has less than a predetermined number of anchors, (b) if the component has more than a predetermined percentage of words of the document, and (c) if the component is an element of a disqualified component and that disqualified component has only navigation bar elements, exists.

Claim 21 (canceled)

Claim 22 (currently amended):   A machine-implemented method for processing a document, the machine-implemented method comprising:

    a)   segmenting, with a machine, the document into components by generating a parse tree based on the document, wherein a first node corresponding to a first component is a child of a second node of a second component if the first component is included in the second component;

    b)   for each of the nodes of the parse tree, determining, with the machine, whether or not the node corresponds to a navigation bar component; and

    c)   for each of the nodes that is determined to correspond to a navigation bar,

15   i)   determining, with the machine, whether or not

16   the navigation bar is disqualified from being

17   classified as an objectionable navigation bar,

18   and

19   ii)   re-authoring the navigation bar, wherein the

20   re-authoring of the navigation bar is controlled

21   using the determination of whether or not the

22   navigation bar is disqualified from being

23   classified as an objectionable navigation bar,

24 ~~The machine-implemented method of claim 21~~ wherein the act,

25 for each of the nodes that is determined to correspond to a

26 navigation bar, of determining whether or not the

27 navigation bar is disqualified from being classified as an

28 objectionable navigation bar includes determining, with the

29 machine, whether a disqualification condition, selected

30 from a group of disqualification conditions consisting of

31 (a) if the component associated with the node has less than

32 a predetermined number of anchors, (b) if the component

33 associated with the node has more than a predetermined

34 percentage of words of the document, and (c) if the node

35 has a disqualified ancestor node and that all descendant

36 nodes of the disqualified ancestor node are associated with

37 navigation bar components, exists.

1 Claim 23 (currently amended): A machine-readable medium

2 having machine executable instructions thereon, wherein

3 when the machine executable instructions are executed on a

4 machine, the machine:

5   a)   segments the document into components; and

6   b)   for each of the components,

7   i)   analyzes anchors of the component,

8   ii)   analyzes non-anchor text of the component,

9   and

10   iii)   re-authors the component, wherein the act

11   of re-authoring the component is controlled using

12   the analysis of the anchors and the

13   non-anchor-text of the component,

14   wherein the act of re-authoring the component is

15 controlled based on a number of anchors in the component

16 and a number of non-anchor words in the component.

1 Claim 24 (currently amended): A machine-readable medium

2 having machine executable instructions thereon, wherein

3 when the machine executable instructions are executed on a

4 machine, the machine:

5   a)   segments the document into components;

6   b)   for each of the components, determines whether or

7   not the component is a navigation bar; and

8   c)   for each of the components that is determined to

9   be a navigation bar,

10   i)   determines whether or not the navigation bar

11   is disqualified from being classified as an

12   objectionable navigation bar, and

13   ii)   re-authors the navigation bar, wherein the

14   re-authoring of the navigation bar is controlled

15   using the determination of whether or not the

16   navigation bar is disqualified from being

17   classified as an objectionable navigation bar,

18   wherein the act, for each of the nodes that is

19 determined to correspond to a navigation bar, of

20 determining whether or not the navigation bar is

21 disqualified from being classified as an objectionable

22 navigation bar includes determining, with the machine,

23 whether a disqualification condition, selected from a group

24 of disqualification conditions consisting of (a) if the

25 component associated with the node has less than a

26 predetermined number of anchors, (b) if the component

27 associated with the node has more than a predetermined

28 percentage of words of the document, and (c) if the node

29 has a disqualified ancestor node and that all descendant

30 nodes of the disqualified ancestor node are associated with

31 navigation bar components, exists.

1 Claim 25 (currently amended): An apparatus for detecting

2 navigation bars in a document, the apparatus comprising:

3   a)   means for segmenting the document into components;

4   and

5   b)   means for, for each of the components,

6   i)   analyzing anchors of the component,

7   ii)   analyzing non-anchor text of the component,

8   and

9   iii)   re-authoring the component, wherein the act

10   of re-authoring the component is controlled using

11   the analysis of the anchors and the

12   non-anchor-text of the component,

13   wherein the means for re-authoring the component

14 control the re-authoring based on a number of anchors in

15 the component and a number of non-anchor words in the

16 component.

1 Claim 26 (currently amended): An apparatus for detecting

2 objectionable navigation bars in a document, the apparatus

3 comprising:

4   a)   means for segmenting the document into components;

5   b)   means for determining, for each of the components,

6   whether or not the component is a navigation bar; and

7   c)   means for, for each of the components that is

8   determined to be a navigation bar,

9   i)   determining whether or not the navigation bar

10   is disqualified from being classified as an

11   objectionable navigation bar, and

12   ii)   re-authoring the navigation bar, wherein the

13   re-authoring of the navigation bar is controlled

14   using the determination of whether or not the

15   navigation bar is disqualified from being

16   classified as an objectionable navigation bar,

17   wherein the act, for each of the nodes that is

18   determined to correspond to a navigation bar, of

19   determining whether or not the navigation bar is

20   disqualified from being classified as an objectionable

21   navigation bar includes determining, with the machine,

22   whether a disqualification condition, selected from a group

23   of disqualification conditions consisting of (a) if the

24   component associated with the node has less than a

25   predetermined number of anchors, (b) if the component

26   associated with the node has more than a predetermined

27   percentage of words of the document, and (c) if the node

28   has a disqualified ancestor node and that all descendant

29   nodes of the disqualified ancestor node are associated with

30   navigation bar components, exists.

1   Claim 27 (currently amended):   The machine-implemented

2   method of claim 2 1 wherein the acts of re-authoring the

3   components of the document effectively reformat the

4   document from HTML to WML.

1 Claim 28 (currently amended): The machine-implemented
2 method of claim 16 ~~15~~ wherein the acts of re-authoring the
3 components of the document effectively reformat the
4 document from HTML to WML.

1 Claim 29 (currently amended): The machine-implemented
2 method of claim 22 ~~21~~ wherein the acts of re-authoring the
3 components of the document effectively reformat the
4 document from HTML to WML.

1 Claim 30 (previously presented): The machine-implemented
2 method of claim 3 wherein the special reformatting reduces
3 a number of display screen lines on which navigation bar
4 information is presented.

1 Claim 31 (previously presented): The machine-implemented
2 method of claim 6 wherein the special reformatting reduces
3 a number of display screen lines on which navigation bar
4 information is presented.

1 Claim 32 (previously presented): The machine-implemented
2 method of claim 3 wherein the special reformatting replaces
3 a navigation bar with a link to the navigation bar.

1 Claim 33 (previously presented): The machine-implemented
2 method of claim 6 wherein the special reformatting replaces
3 a navigation bar with a link to the navigation bar.